



**UNITED STATES DEPARTMENT OF COMMERCE  
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/803,548	02/20/97	MCINTYRE	D 75036CES

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19M1/1222

EXAMINER

DIN, L

ART UNIT

PAPER NUMBER

1911

DATE MAILED: 12/22/98

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

# Office Action Summary

Application No.  
**08/803,548**

Applicant(s)  
**McIntyre et al.**

Examiner  
**Luanne Din**

Group Art Unit  
**1911**



☒ Responsive to communication(s) filed on Feb 20, 1997

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claims

☒ Claim(s) 1-10 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-10 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☒ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been  
☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 1

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

— SEE OFFICE ACTION ON THE FOLLOWING PAGES —

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## DETAILED ACTION

### *Specification*

1. The disclosure is objected to because of the following informalities:  
page 10, line 16, "describe din" should be --described in--;  
page 10, line 27, "filed" should be --field--;  
page 14, line 5, "n" should be --in--;  
pages 19-20 should be deleted.

Appropriate correction is required.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:  
  
A person shall be entitled to a patent unless --  
  
(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
3. Claims 1-6 and 8-9 are rejected under 35 U.S.C. 102(b) as being anticipated by Levine (4,716,470).

Levine discloses the same camera system comprising a camera housing (Fig. 2, 30); image capture means (lens 41 and 42, shutters 43 and 44, film 32 and CCD 33); display means (optical preview 13); input means (keyboard 14; col. 4, lines 43-64) as specified in claims 1 and 8; recording instruction on the file with a transparent magnetic layer having a magnetic track (col. 8,

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lines 14-17) as specified in claims 2 and 8; memory means (35) and scroll means (36) as specified in claim 3; list of options and switch means for selecting the option (processor 14; col. 4, lines 43-68) as specified in claim 4; verifying instructions (col. 3, lines 18-59) as specified in claim 5; LCD display (13) as specified in claim 6; unloading the film and processing the film (Fig. 4) as specified in claim 9.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 7 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Levine.

Levine does not particularly disclose two display systems where the first display displays image and the second display displays text as specified in claim 7 and adding text to a selected image for display and image for printing as specified in claim 10.

Examiner wish to take Official Notice that the LCD displays are well-known in the art and that LCD can be used for display text and images are also well-known in the art. Furthermore, to reduce cost by separating the black and white text display from the image color display is also well-known in the art as specified in claim 7. It is well known in the art to add text to a selected image for display and image for printing (ie. insert date and time to image and photo) as specified in claim 10.

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Therefore, it is obvious that one of ordinary skill in the art, having the well-known LCD display and adding text data to image and prints, having the need to display color images and text data and knowing the time frame of the image, would have been able to modify the design of Levine to include a second LCD for displaying instructions so that images can be displayed with color LCD and text be displayed separately from the image for a more efficient film processing.

### *Conclusion*

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Yamada et al (5,331,419) disclose a display system.

Reele et al (5,619,257) disclose a electronic camera system.

Raney (5,581,299) discloses a camera system.

Cronin et al (5,561,458) disclose a electronic imaging system.

Chamberlain (5,678,102) discloses a dual purpose camera.

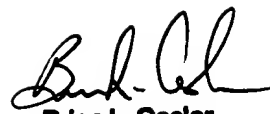
McIntyre (5,687,412) discloses a camera system.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Luanne Din whose telephone number is (703) 306-3489. General file and terminal disclaimer inquiries can be directed to the Patent Analyst, Nathanya Ferguson at (703) 306-3476. Fee or status inquiries can be directed to the Patent Assistant, Wan Laymon at (703) 306-3477. The fax number at this location is (703) 308-4363.

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**Brian L. Casler**  
**Primary Examiner**

LPD

Luanne Din

December 18, 1998

Adjudicator

Patent Reengineering Lab 1911

LPD

December 18, 1998